

NOVEMBER/DECEMBER 2025

GOAM43B/DOAM43B — BIOSAFETY

Time : Three hours

Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

Answer ALL questions.

1. Define biohazards.
2. What is asepsis?
3. Define LMOs.
4. What is meant by bioterrorism?
5. What is biosafety?
6. Define CDC.
7. Define disinfection.
8. What are Goggles?
9. Expand GEAC.
10. Name any two infectious disease.



SECTION B — ($5 \times 5 = 25$ marks)

Answer ALL questions.

11. (a) Write about the biosafety issues in microbiology.

Or

- (b) List out the levels of specific microorganisms.

12. (a) Explain the hazardous wastes in biological labs.

Or

- (b) Describe the importance of rDNA technology.

13. (a) Give an account on biological safety cabinets

Or

- (b) Comment on the different biosafety levels.

14. (a) Discuss the process of emergency planning and response.

Or

- (b) Write a note on decontamination procedures

15. (a) Write an account on cartegana protocol.

Or

- (b) Explain about the transportation of infectious substances.

SECTION C — ($3 \times 10 = 30$ marks)

Answer any THREE questions.

16. Describe the standard microbiological practices.

17. Discuss the GMO applications in food and agriculture.

18. Explain about the animal biosafety and facilities.

19. Elaborate the importance of personal protective equipments.

20. Write an essay on the role of RCGM.

